## INTEGRATED CIRCUIT WITH MODIFIED METAL FEATURES AND METHOD OF FABRICATION THEREFOR

## Abstract

Embodiments of the invention concern modifying the layout of one or more metal layers of an integrated circuit before patterning those layers, so that an intermetal dielectric layer (IDL) subsequently deposited over the top surface of the patterned layer will be substantially self-planarized. The spacing between parallel edges of adjacent first metal lines and features is standardized, and one or more additional metal features are included in areas where an intersection exists. The additional metal features serve to maintain the elevation of the top surface of the IDL at the same height across the intersections, thus achieving self-planarization across the entire top surface of the IDL, without the need for a thicker than desired IDL. The modified metal layers are adapted for use in conjunction with memory cells and apparatus incorporating such memory cells, as well as other integrated circuits.

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